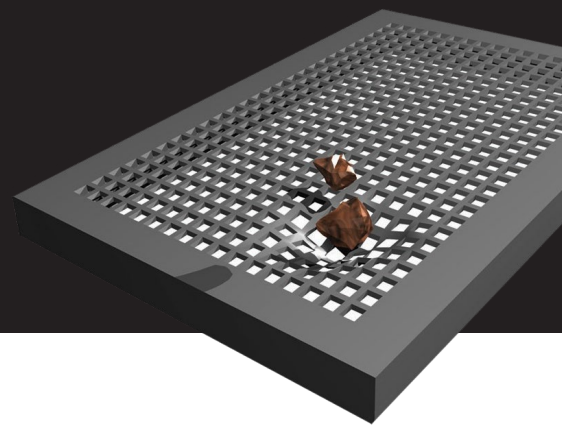


# Noise Reduction

Noise reductions achieved by using rubber screens and liners.

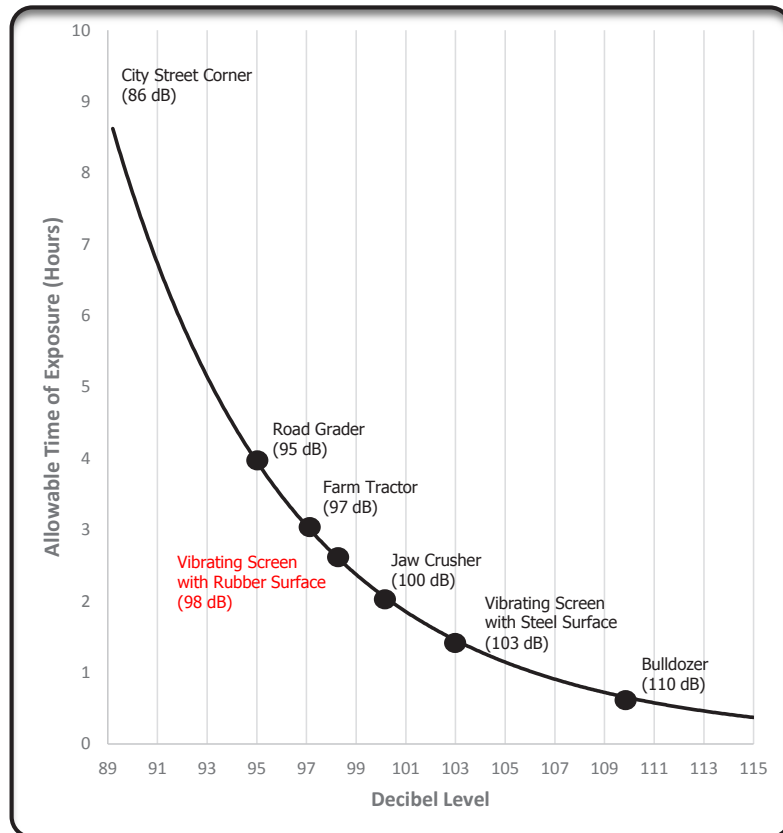


Mining and aggregate producers frequently rely on rubber screens and rubber lining materials as cost-effective solutions to wear and maintenance problems. There are many applications where rubber products can be used to cut costs and reduce downtime. An additional feature of using these rubber solutions is the benefit of noise reduction.

- Noise pollution is becoming an increasing concern with mining and aggregate producers.
- Government agencies have placed tighter limits on hours a worker can be exposed to high noise levels.
- This coupled with the problems of urban developments closing in on quarrying operations, makes it difficult for some operations to meet production demands.

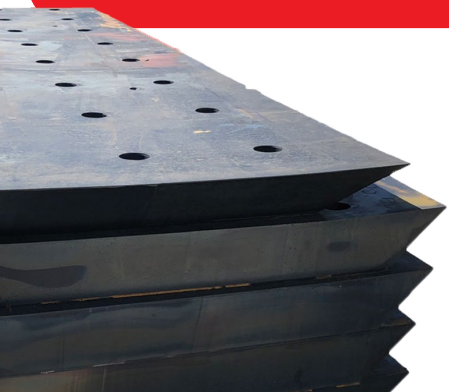
Depending on the application and the present noise levels, the following list shows what reductions can be obtained in noise levels at various locations of a plant by replacing steel wear components with rubber.

Area	Possible Reduction of Noise Levels
Feed Hopper	10-20 dB
Crusher Cone & Hopper Liner	5-10 dB
Impact Pads	10-20 dB
Chutes- Closed	10-30 dB
Chutes- Open	5-15 dB
Screens	5-10 dB
Haul Trucks	20-35 dB



**Disclaimer: All applications are unique and actual results may vary.**

Per the graph above, a reduction of five decibels in a screen area could allow a worker to stay in that area for at least two times longer.



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